

Cable Operator Head-end

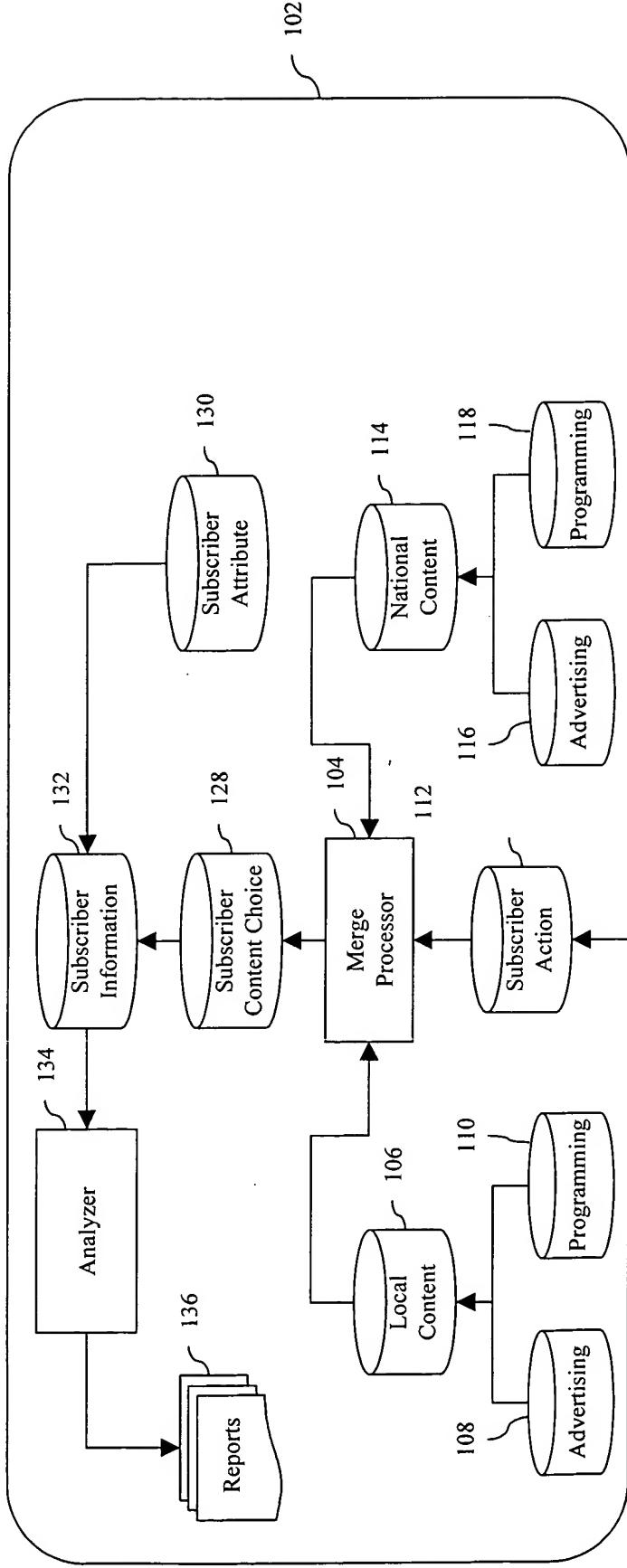


FIG. 1

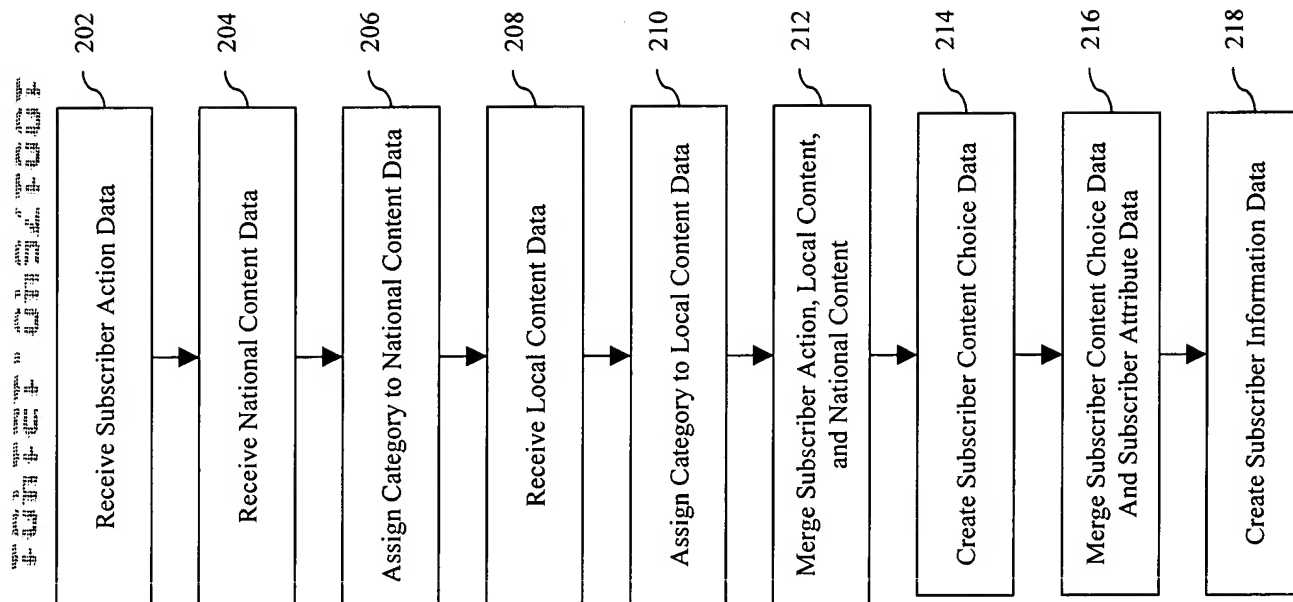


FIG. 2

FIG. 3A is a diagram illustrating a content scheduling grid for a video source. The grid is organized by time slots (1:00, 2:00, 3:00, 4:00, 5:00) and content types (Content Type, National Programming, National Advertising, Local Programming, Local Advertising, Other Video Source). The grid shows the distribution of content across these categories over time.

	Time														
	1:00					2:00					3:00				
	0	1	3	4	5	0	1	3	4	5	0	1	3	4	5
302	0	1	3	4	5	0	1	3	4	5	0	1	3	4	5
310	0	5	0	5	0	0	5	0	5	0	0	5	0	5	0
312															
314															
316															
318															

FIG. 3A

	Time														
	1:00					2:00					3:00				
	0	1	3	4	5	0	1	3	4	5	0	1	3	4	5
302	0	1	3	4	5	0	1	3	4	5	0	1	3	4	5
320	0	5	0	5	0	0	5	0	5	0	0	5	0	5	0
322															

FIG. 3B

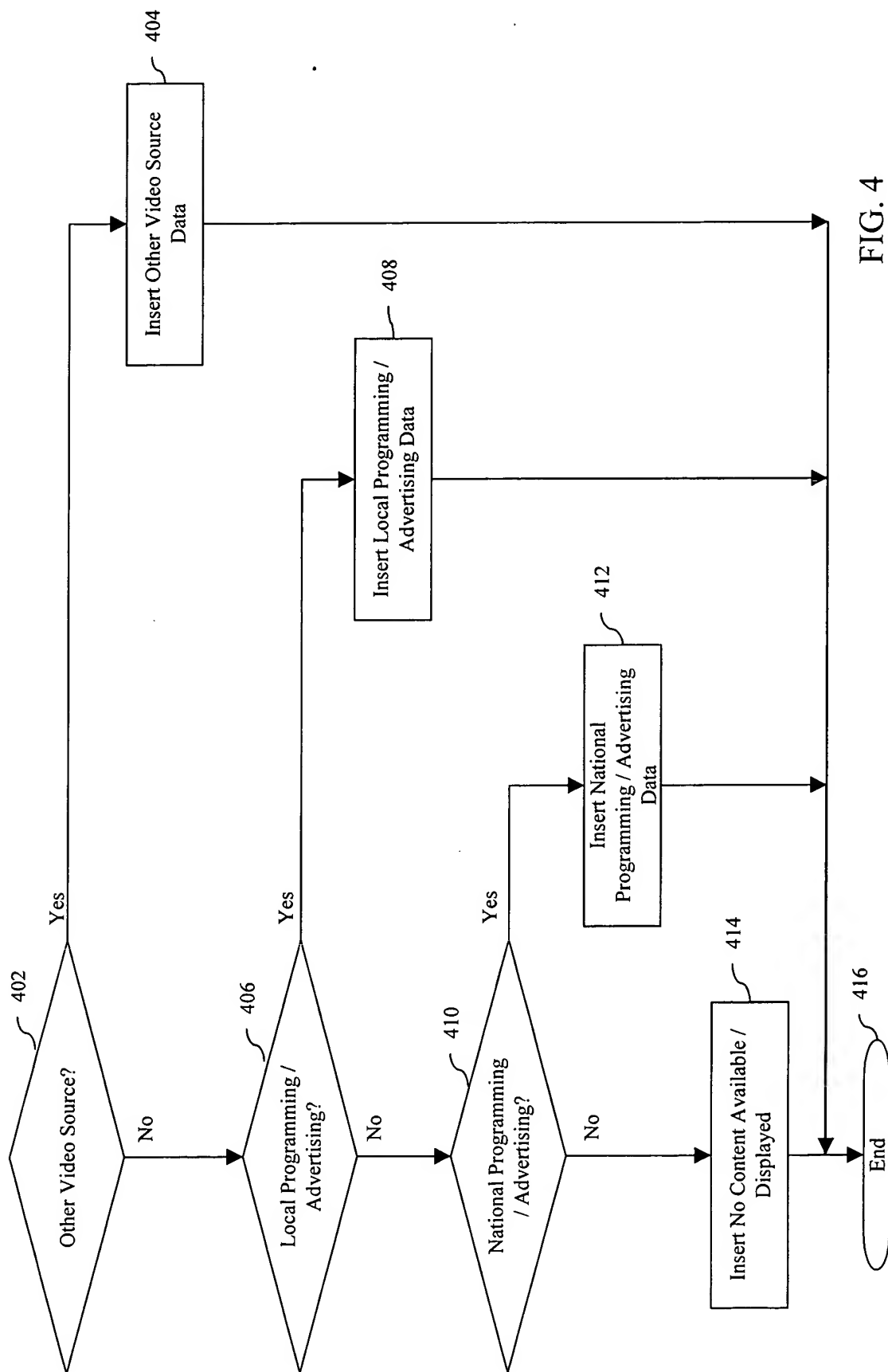


FIG. 4

502		504	
Time		Content	
1:00	:00	NCAA Basketball	506
	:15	NCAA Basketball, Local News Ad, Sporting Goods Ad 1, Sporting Event Ad	
	:30	NCAA Basketball	
	:45	NCAA Basketball, Automobile Ad 1	
	:00	NCAA Basketball	
2:00	:15	NCAA Basketball, Sports Ad, Sports Drink Ad, Automobile Ad 2, PGA Golf Tournament	508
	:30	DVD Movie – Science Fiction	
	:45	DVD Movie – Science Fiction DVD Movie	
	:00	DVD Movie – Science Fiction DVD Movie	
	:15	DVD Movie – Science Fiction DVD Movie	
3:00	:30	DVD Movie – Science Fiction DVD Movie	510
	:45	DVD Movie – Science Fiction DVD Movie	
	:00	DVD Movie – Science Fiction DVD Movie	
	:15	DVD Movie – Science Fiction DVD Movie	
	:30	DVD Movie – Science Fiction DVD Movie	
4:00	:45	DVD Movie – Science Fiction DVD Movie	510
	:00	DVD Movie – Science Fiction DVD Movie	
	:15	NBA Basketball, Automobile Ad 3, Credit Card Ad 1, Airline Ad 1	
	:30	NBA Basketball	
	:45	NBA Basketball, Tourism Ad 4, Restaurant Ad, Sporting Goods Ad 2	
5:00	:00	NBA Basketball	510
	:15	NBA Basketball, Local Retailer Ad, Sporting Goods Ad 1	
	:30	NBA Basketball	
	:45	NBA Basketball, Airline Ad 1, Automobile Ad 4, Credit Card Ad 2	
	:00	NBA Basketball	

FIG. 5

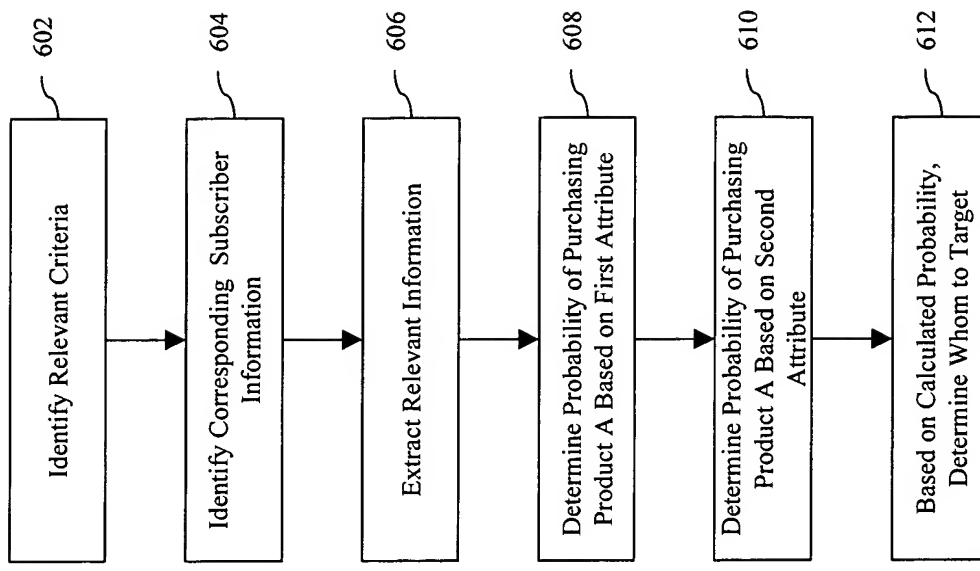


FIG. 6

Subscriber Information Database Extract

Viewing Pattern	City	Purchase Product A
Show 1	A	Yes
Show 2	A	Yes
Show 3	A	No
Show 1	B	Yes
Show 2	B	No
Show 3	B	No
Show 1	C	No
Show 2	C	Yes
Show 3	C	No

FIG. 7A

Probability of Purchasing Product A

Viewing History	Probability (%)
Show 1	66.7
Show 2	50.0
Show 3	0.0

FIG. 7B

Probability of Purchasing Product A

City	Probability (%)
A	66.7
B	33.3
C	33.3

FIG. 7C